Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Solar Direct Drive Ref & Frz. 16L

Product Code :

SLE/CCE/011



Email : sales@scilabexport.com
Phone: +91-7082934803

Description :

Solar Direct Drive Ref & Frz. 16L (Product Code: SLE/CCE/011) is a compact combined solar refrigerator and water-pack freezer used at small off-grid clinics that store a few vaccines and prepare their own packs for outreach. It offers 16 litres of net vaccine storage, freezes 1.97 kg of water-packs per 24 hours and stores 2.4 kg of packs, arranged as 4 x 0.6 L. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory equipment supplier in India.

Specifications

Parameter	Detail
Type	Complete stand-alone SDD combined refrigerator & freezer with all necessary components and fittings (plug and play)
Net vaccine storage volume	16 litres
Water-pack freezing capacity	1.97 kg per 24 hours
Water-pack storage capacity	2.4 kg (4 x 0.6 L)
Refrigerant	R600a
Ambient operating temperature	Min. +5°C, max. +43°C
Freeze protection	Grade A
Power isolation	User-accessible ON/OFF switch isolates the appliance from the solar power system
Spare fuses	10 fuses of each type included
Lid and accessories	Lid with lock, 2 keys and 2 baskets; compass included
Manuals	User, installation and technician’s manuals in English
Product code	SLE/CCE/011
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Solar Direct Drive Ref & Frz. 16L Used For?

Small health posts often need only a modest vaccine stock but still have to send a health worker out with a cooled carrier. The 16L combined model covers that routine: vaccines stay in the 16-litre refrigerator section, while the freezer section prepares water-packs at 1.97 kg per 24 hours and holds four 0.6 L packs ready for the next outreach trip. Everything runs from the solar array, so no mains line or fuel is needed.

Good practice is to keep one set of packs freezing while another is in use, to condition frozen packs kets organ ON/C